Preparing People to Lead Extraordinary Lives
LOYOLA UNIVERSITY CHICAGO

COLLEGE OF ARTS AND SCIENCES
PROGRAM IN BIOINFORMATICS

PERMISSION TO REGISTER
BIOI 398: Bioinformatics Internship
(Restricted to Bioinformatics Majors)

(1-4 credit hours; may be repeated for credit)

Emphasis on the investigation of a molecular biological or biochemical question utilizing bioinformatics tools and/or strategies under the direction of a non-Loyola scientist at another institution. Projects may be 1) primarily experimental in nature in which biostatistical and/or biocomputing evaluation play an important part; 2) primarily computational, in nature in which molecular data generated by others or theoretical models is analyzed by appropriate biocomputational tools; 3) primarily statistical in nature in which molecular datasets generated by others or theoretical datasets is subjected to statistical analysis. All projects must have a clearly defined and coherent topic and objective. Students must provide sponsoring scientist at host institution with a copy (official or unofficial) of their transcript. Students must contact their Loyola Bioinformatics Faculty Liaison every two weeks to provide written or oral updates/progress reports. Students must generate an 8-15 page research report. An optional oral poster presentation at the project's completion in conjunction with related departmental undergraduate research symposia is encouraged and may be required by the Loyola faculty liaison.

Please type or print clearly.

_____ _____ _____
Last Name First Name Loyola ID number

_____ _____ _____
Class Standing E-mail Address Local Telephone Number

Course information:

Year_____ Term_____ Section # : _____ Class #: _____ Credit hours (1-4)* : ____

*recommended minimum ***total*** project hours per credit hour: 40. Enrolling for 3-4 hrs. requires poster presentation.

Name of Loyola Bioinformatics Faculty Member who will serve as faculty liaison for the project: _____

Title of Study: _____

Objective: With the aid of the sponsoring scientist, compose and attach a one-page detailed description of the specific aims of the proposed internship. Include rationale for the project, educational and research objectives, approximate number of hours per week, anticipated outcome of the study, and the exact nature of your involvement in the project.

Mentor's name and title:_____

Name and location of mentor's institution:_____

Duration of the study (starting and ending dates): _____

Submitted By: _____ _____
Student Signature **Date**

To be completed by the sponsoring scientist at the host institution.

Does the above named student have the necessary coursework and/or experience to undertake this project? _____

What criteria will be used to evaluate the student's performance, other than the required final paper (e.g. attendance, group participation, data records, knowledge acquisition, poster presentation. etc.)? _____

_____

_____

Sponsoring Scientist Signature: _____ **Date:** _____

Loyola Faculty Liaison Signature: _____ **Date:** _____

Bioinformatics Program Director Signature: _____ **Date:** _____

Approved ___ Not Approved ___ Reason: _____